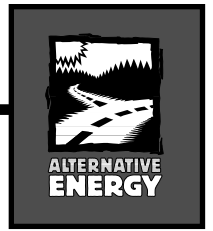


# LESSON PLANS



## UNIT 2 SECTION 2 FUELS FOR EVERYTHING - CONCEPT MAPPING FUELS

### Student Objectives

The student will:

- categorize major concepts relating to fuels.
- sequence concepts by creating concept maps for non-transportation fuels and conventional transportation fuels.

### TAAS Objectives

The student will:

- demonstrate an understanding of the characteristics of the universe and of the properties of matter and energy.

### TEKS

(8.2) **Scientific processes.** The student uses scientific inquiry methods during field and laboratory investigations.

The student is expected to:

- e. construct graphs, tables, maps, and charts using tools, including computers, to organize, examine, and evaluate data.

(8.9) **Science concepts.** The student knows that substances have chemical and physical properties.

The student is expected to:

- a. demonstrate that substances may react chemically to form new substances.

#### Integrated Physics and Chemistry

(7) **Science concepts.** The student knows relationships exist between properties of matter and its components.

The student is expected to:

- e. classify samples of matter from everyday life as being elements, compounds, or mixtures.